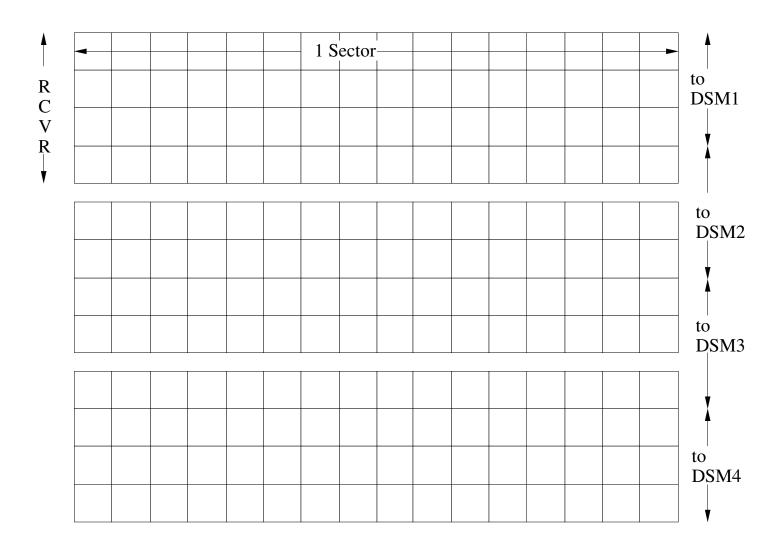
MWC to DSM Mapping



Each SECTOR has 16 groups of 20 wires each. These send signals via copper to the sector controller boards(SCB). The SCB takes groups of 20 wires and forms a 5 bit value for each. Each SCB outputs 16 groups of 5 bits each via GLINK to the RCVR boards. The RCVR boards take these 4 at a time to form four 7 bit values for each SECTOR. Each RCVR takes input from 4 SECTORS and puts 4 - 7 bit outputs on 2 cables per SECTOR. Each DSM receives 12 - 7 bit values or 3 SECTORs worth from the RCVRs. The DSM treats these as 2 sets of 6 - 7 bit values to form sums that match 0.5 units in eta and pi/2 in phi to match the eta-phi granularity of the CTB DSMs.